

- 1 3. The adapter of claim 1, further comprising a power supply in
2 communication with the processor.
- 1 4. The adapter of claim 1, wherein the infrared transceiver includes a driver
2 circuit for sending information to the infrared data port.
- 1 5. The adapter of claim 1, wherein the infrared transceiver includes a
2 receiving circuit for receiving information from the infrared data port.
- 1 6. The adapter of claim 1, further comprising a housing.
- 1 7. (Once Amended) A system for wirelessly connecting a computing device
2 to a network, comprising:
3 a computing device;
4 an infrared data port connected to the computing device, the infrared port
5 configured to send and receive information to a radio frequency
6 data system, the radio frequency data system in communication
7 with the network and configured to send and receive information;
8 and
9 an adapter configured to transfer information between the infrared data
10 port and the radio frequency data system, the adapter including:
11 an infrared transceiver for sending and receiving information to and from
12 the infrared data port;

13 a radio frequency transceiver for sending and receiving information to and
14 from the radio frequency data system; and
15 a microprocessor in communication with the infrared transceiver and the
16 radio frequency transceiver for converting information received from
17 the infrared transceiver to a radio frequency format for transfer to
18 the radio frequency data system and for converting information
19 received from the radio frequency transceiver to an infrared format
20 for transfer to the infrared data port.

1 8. The system of claim 7, wherein the computing device is a portable
2 computer.

1 9. The system of claim 7, wherein the adapter physically connects to the
2 computing device.

1 10. The system of claim 7, wherein the adapter is a stand-alone unit that
2 communicates with the computing device over an infrared communication
3 link.

1 11. The system of claim 7, wherein the adapter further comprises a buffer
2 providing temporary information storage.

1 12. The system of claim 7, wherein the adapter further comprises a power
2 supply in communication with the microprocessor.

1 13. The system of claim 7, wherein the infrared transceiver includes a driver
2 circuit for sending information to the infrared data port.

- 3 14. The system of claim 7, wherein the infrared transceiver includes a
4 receiving circuit for receiving information from the infrared data port.
- 1 15. An adapter for connecting a plurality of computing devices having infrared
2 data ports to a radio frequency data system, comprising:
3 a plurality of infrared transceivers for sending and receiving information to
4 and from the infrared data ports;
5 a radio frequency transceiver for sending and receiving information to and
6 from the radio frequency data system; and
7 processing means in communication with the plurality of infrared
8 transceivers and the radio frequency transceiver for converting
9 information received from the plurality of infrared transceivers to a
10 radio frequency format for transfer to the radio frequency format for
11 transfer to the radio frequency data system and for converting
12 information received from the radio frequency transceiver to an
13 infrared format for transfer to at least one of the infrared data ports.
- 1 16. A method for wirelessly connecting a computing device to a network,
2 comprising:
3 receiving information over an infrared communication link from a remote
4 computing device;
5 converting the information from an infrared format to a radio frequency
6 format; and

7 communicating the information to the network over a radio frequency link.

1 17. (Once Amended) A method for wirelessly connecting a computing device
2 to a network, comprising:

3 receiving information over a radio frequency communication link from the
4 network;

5 converting the information from a radio frequency format to an infrared
6 signal; and

7 communicating the information to the computing device over an infrared
8 communication link.

Please add the following new claims:

1 18. (New) The method of claim 17, wherein the radio frequency format
2 conforms to Bluetooth protocol.

1 19. (New) The method of claim 16, wherein the radio frequency format
2 conforms to Bluetooth protocol.

1 20. (New) The adaptor of claim 15, wherein the radio frequency data system
2 comprises Bluetooth.

1 21. (New) The adaptor of claim 15, wherein the adapter further comprises a
2 buffer to provide temporary information storage.